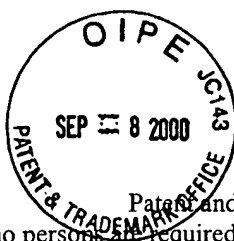


Please type a plus sign (+) inside this box ☐



PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/593,106
				Filing Date	June 13, 2000
				First Named Inventor	Michael J. Williams
				Group Art Unit	2761
				(use as many sheets as necessary) Examiner Name	Not Assigned
				Sheet 1 of 2	Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
N.S. ↑		5,239,462		R.M. Jones et al.	August 24, 1993	
		5,323,315		L. Highbloom	June 21, 1994	
		5,414,621		J.R. Hough	May 9, 1995	
		5,611,052		D.R. Dykstra et al.	March 11, 1997	
		5,699,527		D.E. Davidson	December 16, 1997	
		5,765,144		K. Larche et al.	June 9, 1998	
		5,797,133		R.M. Jones et al.	August 18, 1998	
		5,870,721		J.A. Norris	February 9, 1999	
		5,930,776		D.R. Dykstra et al.	July 27, 1999	
		5,940,811		J.A. Norris	August 17, 1999	
		5,940,812		C.G. Tengel et al.	August 17, 1999	
		5,966,699		R. Zandi	October 12, 1999	
		5,983,206		R.H. Oppenheimer	November 9, 1999	
	N.S.	5,995,947		S.K. Fraser et al.	November 30, 1999	

RECEIVED
SEP 13 2000
MAIL ROOM

FOREIGN PATENT DOCUMENTS								
Examiner Initials ²	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

Examiner Signature	N. Subramanian	Date Considered	8/12/02
--------------------	----------------	-----------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3).

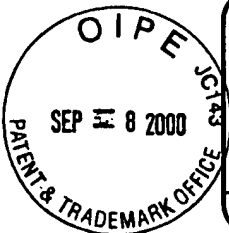
⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Application Number	09/593,106
Filing Date	June 13, 2000
First Named Inventor	Michael J. Williams
Group Art Unit	2761
Examiner Name	Not Assigned
Attorney Docket Number	099913/11

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

RECEIVED

SEP 13 2000

TC 2700 MAIL ROOM

Examiner
Signature

N. Subramaniam

Date _____

	Not Considered	Considered
1. The number of people who are affected by the problem.		
2. The severity of the problem.		
3. The likelihood of the problem occurring.		
4. The cost of the problem.		
5. The time it takes to solve the problem.		
6. The complexity of the problem.		
7. The availability of resources to solve the problem.		
8. The impact of the problem on the organization's reputation.		
9. The potential for legal action against the organization.		
10. The overall risk to the organization.		

8/12/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+